

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH

August

YEAR

2001

SIGNATURE

Michael K. Decker

In Charge of HSA

DATE

September 5, 2001

TO: Hydrometeorological Information Center, W/OH2
 NOAA / National Weather Service
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When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

On August 28, minor river flooding occurred on the South Concho River at Christoval, as 6 to 8 inches of rain fell during the morning hours. At least 2 houses were flooded in the town of Christoval when Main Street became a temporary river. There was at least one car rescue. Several thousand feet acre feet of much needed water flowed into the Twin Buttes Reservoir, which was at extremely low levels.

Heavy rainfall up to 5 inches on the 28th also affected Irion county near Mertzson and Sherwood. This rainfall flowed into the Middle Concho River. At the Middle Concho above Tankersley the river rose above bankfull, reaching 16.5 feet on the 28th. It remained below its flood stage of 18 feet however. Ranch road 853 was closed and barricaded at a low water crossing on the Middle Concho.

Rainfall for the month of August was above normal for much of the HSA. Rain occurred from the 14th to 18th, and from the 26th to 31st, as a persistent upper level ridge broke down. San Angelo received 3.67 inches, 1.74 inches above its normal of 1.93 inches. Abilene received 3.39 inches, 0.59 inches above its normal of 2.80 inches.

The rainfall allowed more moist soil conditions, which was extremely beneficial to agriculture. Most area reservoirs continued to fall however, and the Palmer Drought Index has much of the HSA in a moderate drought. Concho Valley reservoirs, Twin Buttes and O. C. Fisher, remained at extremely low levels. Reservoir levels and their storage are listed below:

Reservoir	Conservation Storage (acre-feet)	Storage end of July (acre-feet)	Percent Capacity	Storage end of August (acre-feet)	Percent Capacity
O.C. Fisher	119200	5690	5	5490	5
Twin Buttes	177800	6000	3	8260	5
E.V. Spence	488780	67620	14	62790	13
O.H. Ivie	554340	282700	51	270300	49
Lake Stamford	52700	14190	27	12580	24
Ft Phantom Hill	70030	34090	49	31060	44
Lk. Brownwood	143400	115700	81	109300	76
Hords Creek	8800	3800	44	3550	40

River Products issued this month:

River Flood Warning:	2 (LBBFLWSJT)
River Flood Statement:	1 (LBBFLSSJT)
River Statement	1 (LBBRVSSJT)
River Summary:	31 (LBBRVASJT)
Lake and River Summary	31(LBBRVDSJT)